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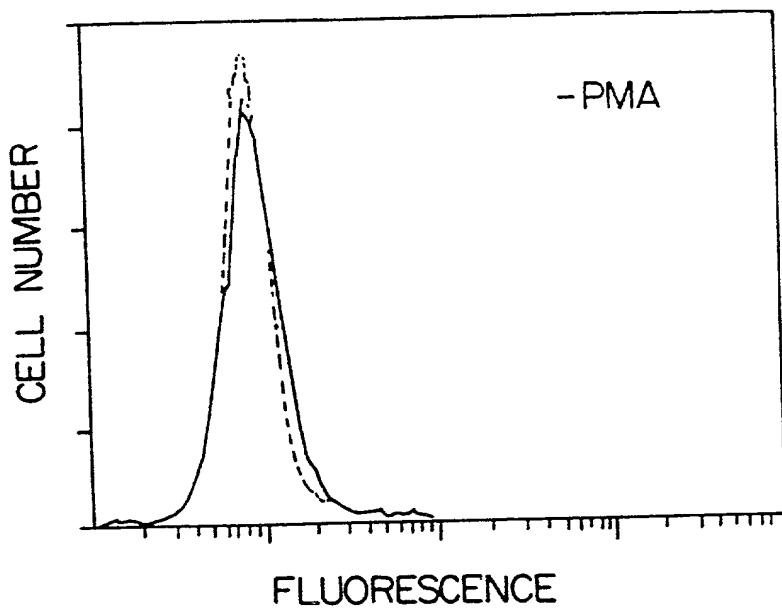


FIG. 2A

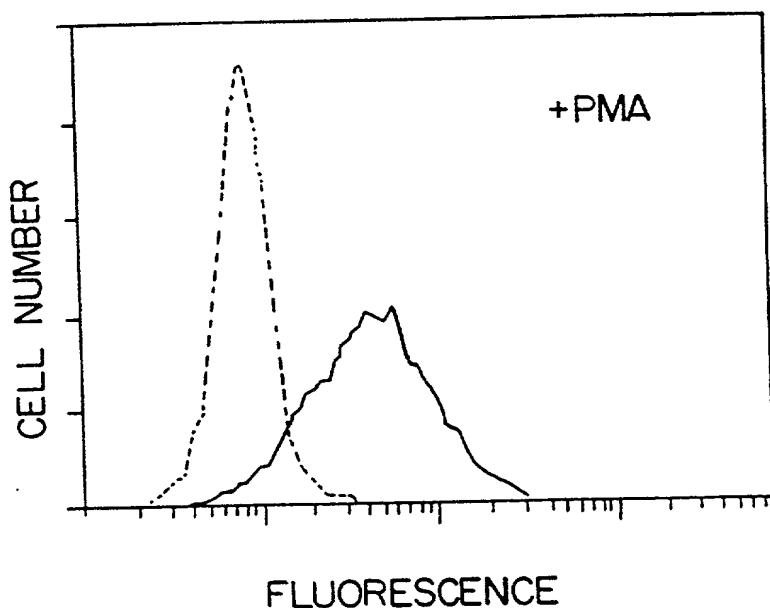


FIG. 2B

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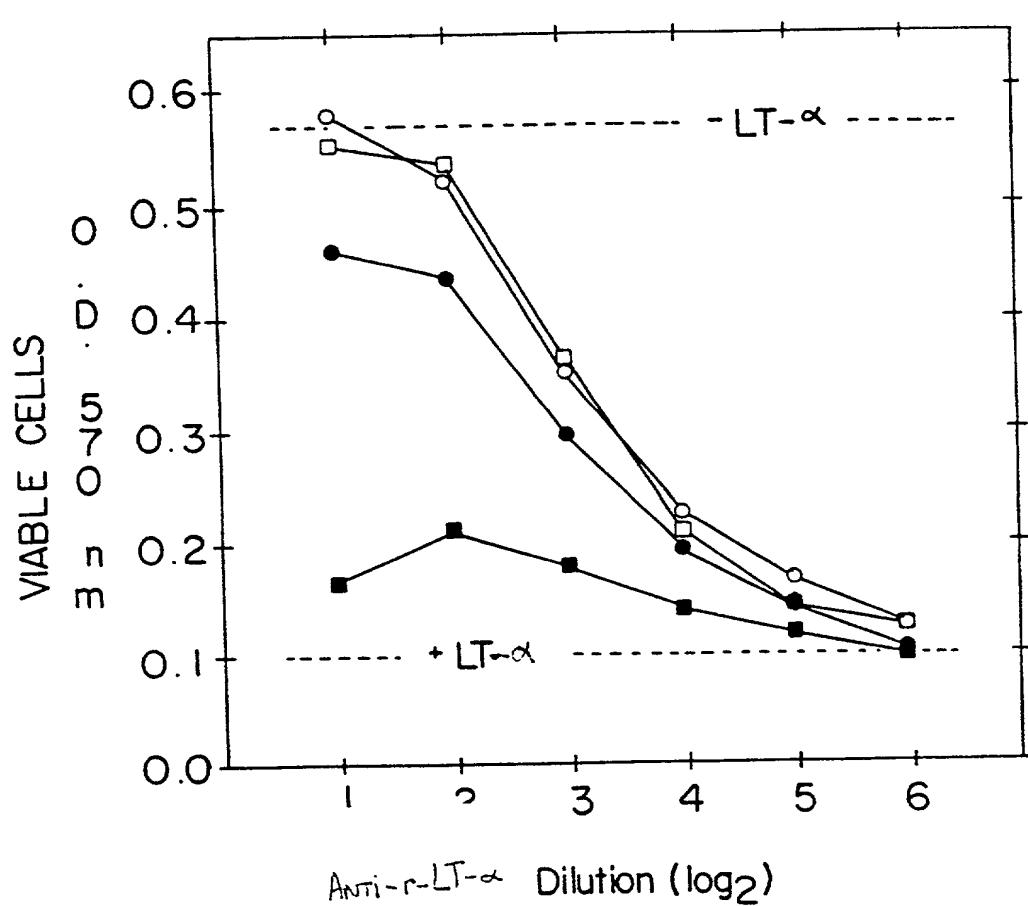
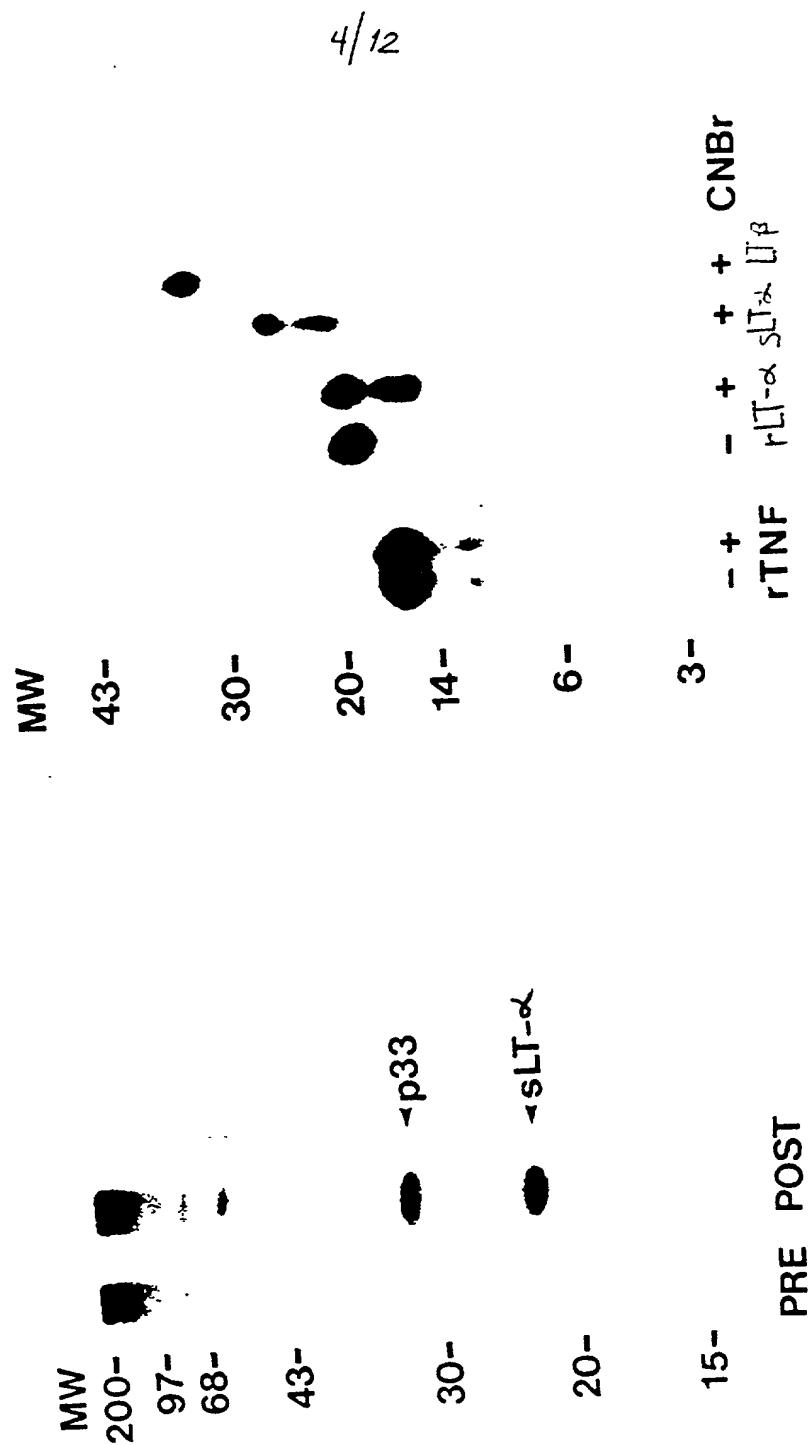


FIG. 3

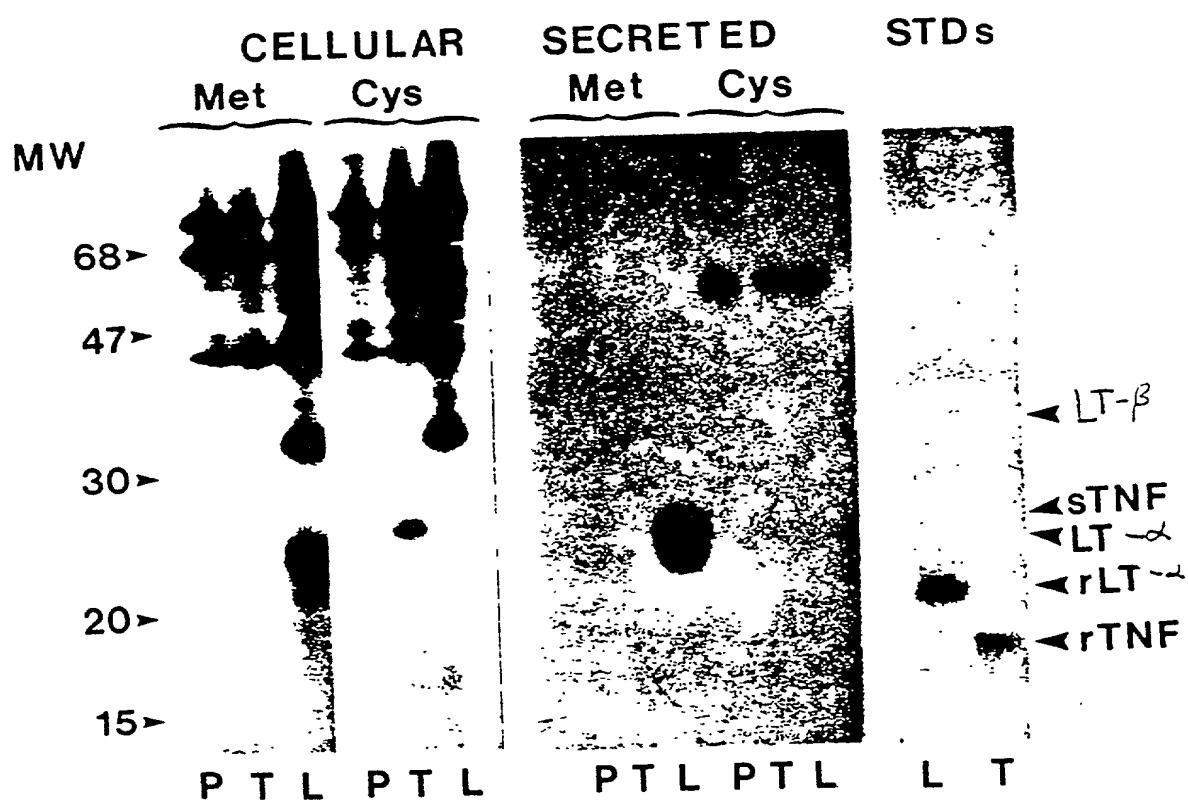


F 16. 4B

FIG. 4A

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FIG. 5



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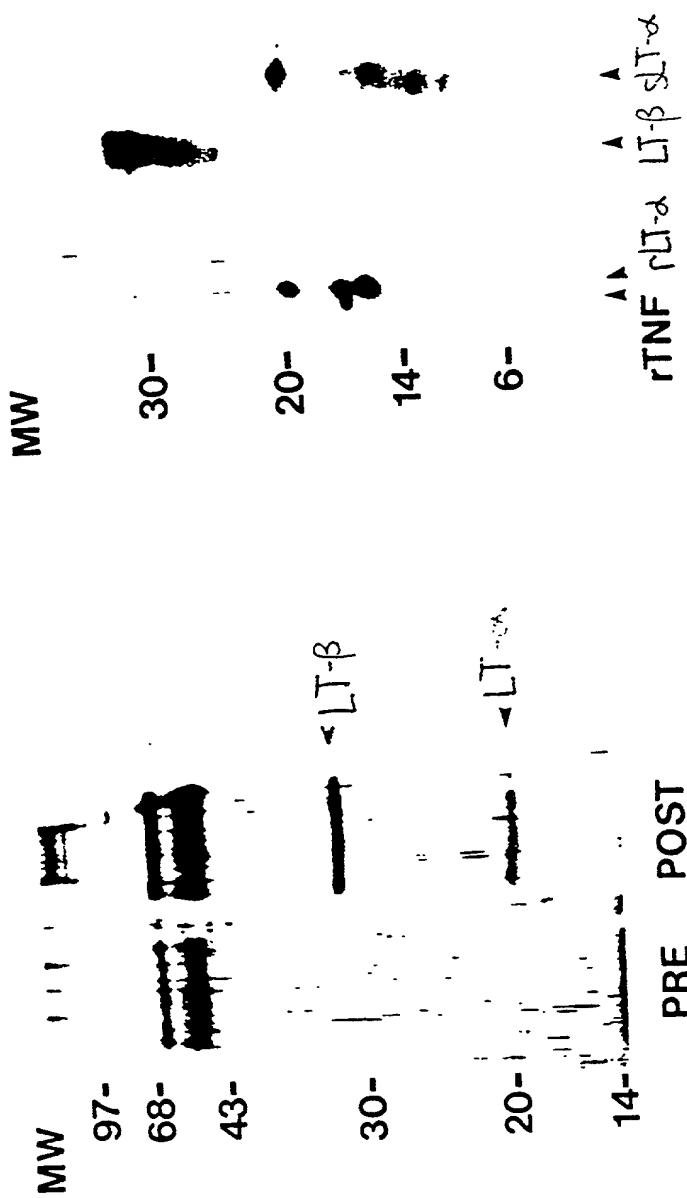


FIG. 6B

FIG. 6A

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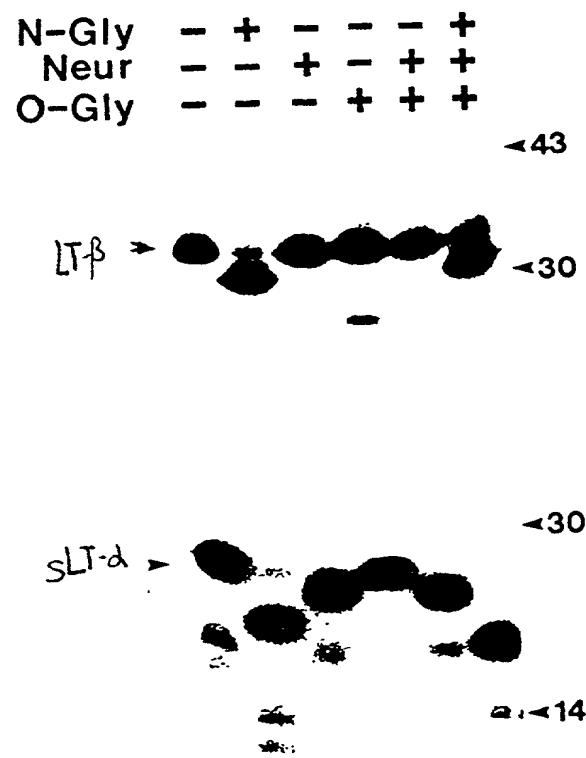


FIG. 7

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Reprecipitation

8/12/87 11:11:20 AM

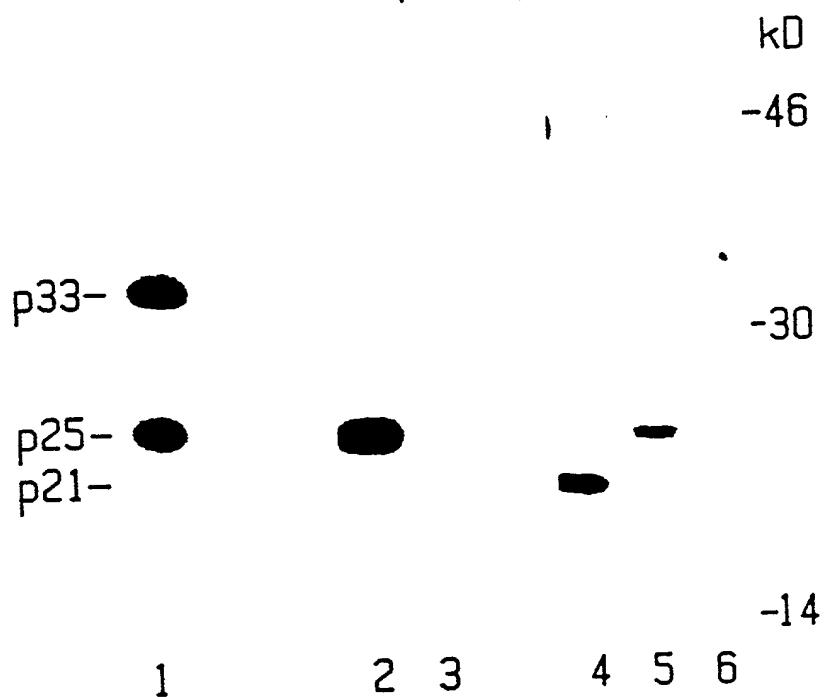


FIG. 8

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Denatured



FIG. 9A

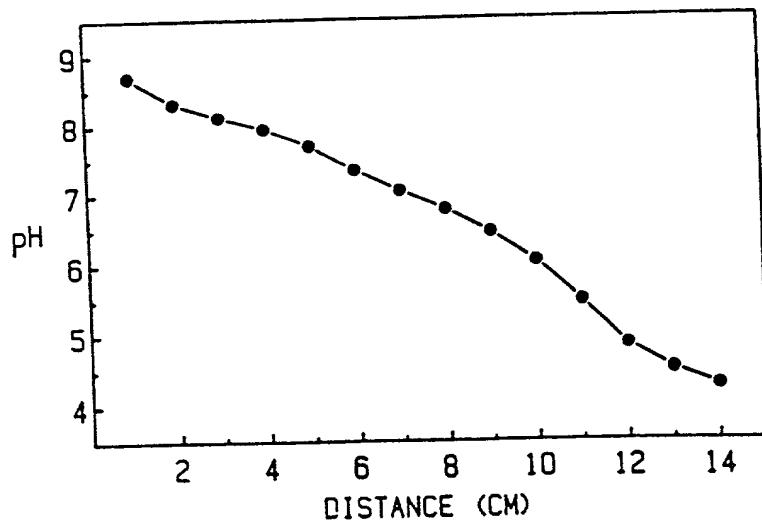


FIG. 9B

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Native

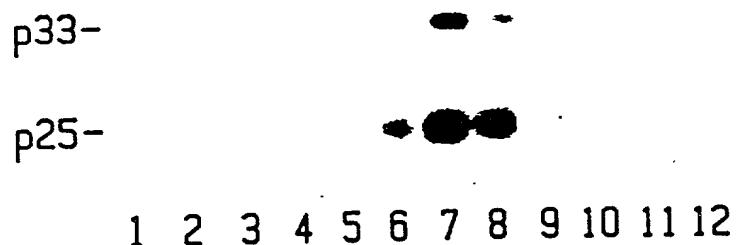


FIG. 10A

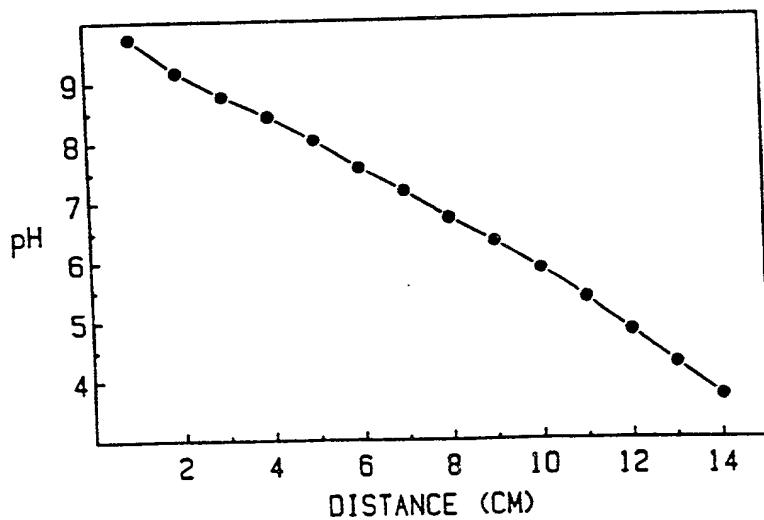


FIG. 10B

FIG. IIIA

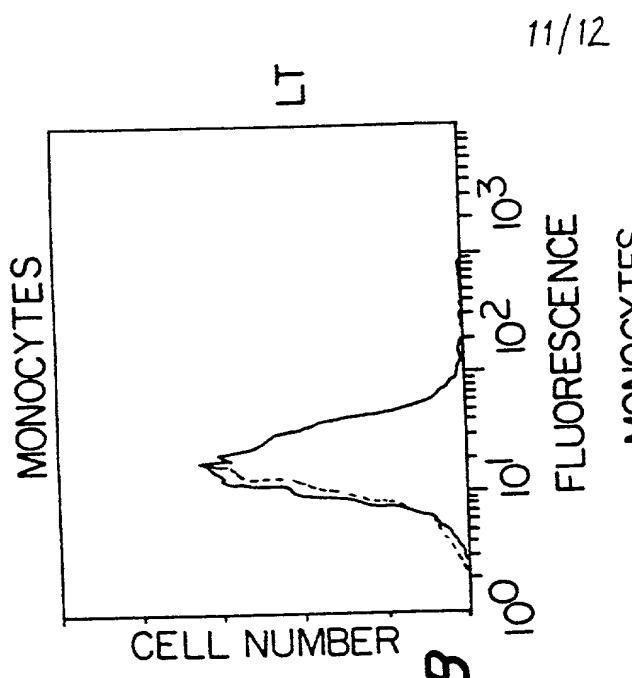
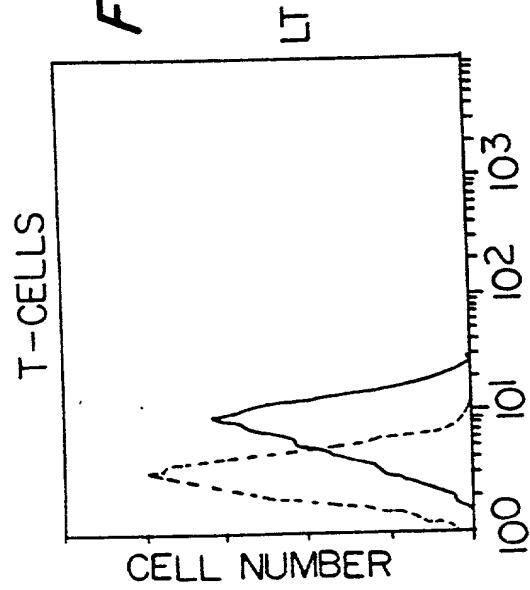
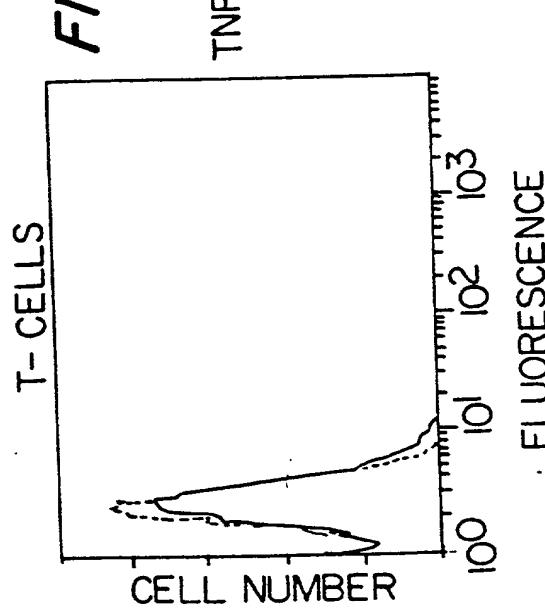


FIG. IIIC



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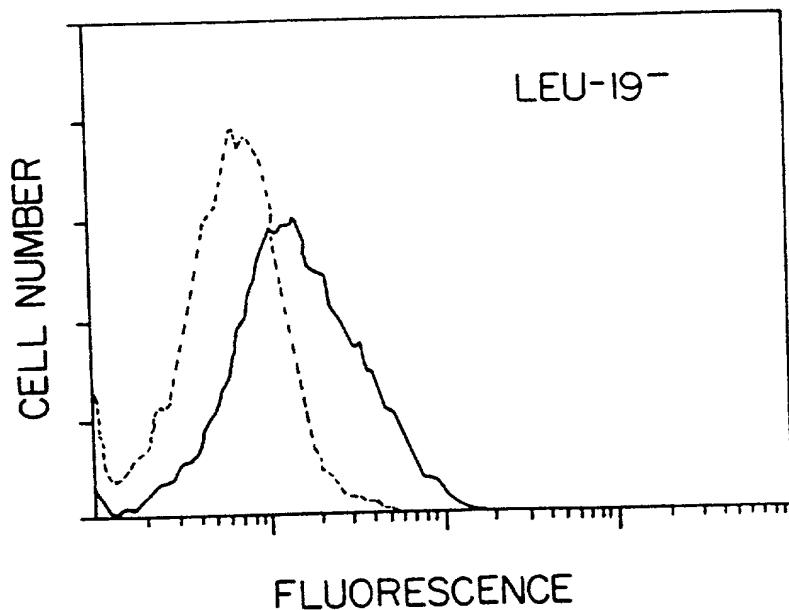


FIG. 12A

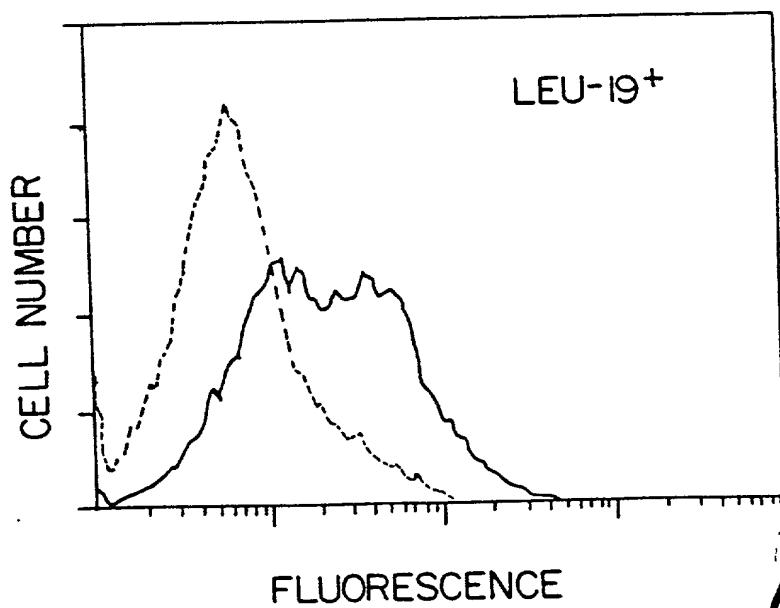


FIG. 12B

FIGURE 13

LT-β Amino Acid Sequences

N-terminus:

G L E G R G x R L Q G R G S L L L A V A G A T G L V T L L - - V P I

Tryptic Peptides

T87/88:

L P E E E P E T D L S P G L P A A H L I G A P L K

T110:

x Q A F L T S G T Q F S D A E G L A L P Q D G L Y

T67:

X Q G L x x E T

T48:

S S L Y R

T96:

A G G A Y G P G T P E L L L L E G A E T V T P V L D

FIGURE 14

SEQUENCE COMPARISON OF VARIOUS LIGANDS IN THE TNF-R FAMILY

	1	10	20	30	50	60
hTNF	MSTESMIRD					
hTNF mCD40L hP33 hLT	VELAEEALPKKTGGPQGSRRCLFLSFLSFLIVAGATTLFCLLHFVGIVGPQ MIETYSQSPRSVATGLPASMKIFMYLLTVFLITQMIGSVLFAVYLHRR GLEGRGGRLQGRGSLLLAVAGATSLVTLLLAVPITVLAVLALVPQDQ MTPPERLFLPRVCAGTTLHLLLLGLLLVLLPGAQGLPGVGLT					
hTNF mCD40L hP33 hLT	----REE-FPRD----- LDKVEEEVNLHEDFVFIKKLKRCNKGEGLSLLNCEEMRRQFEDLVKDIT GGLVTETADPGQAQ-----					
hTNF mCD40L hP33 hLT	***** LSLISPLAQAVRSSSRTPSDKPVAVVANPQAEGQ--LQWLNRRAALLA LNKEEKKENSFEMQRGDEDPQIAAHVVSEANSNAASVQWAKGYYTAKS QGLGFQKLPEEEPETDLSPGLPAAHIGAPLK-GQ-GLGWETTKEQAFLT PSAAQTARQHPKMHLAHSTLKPAAHIGDPSK--QNSLLWRANTDRAFLQ					
hTNF mCD40L hP33 hLT	***** NGVELRD-NQLVVPSEGLYLIYSQVLFKGQGCPSTHVLLTHTISRIAVSY NLVMLENGKQLTVKREGLYYVTQVTFCSNREPSSQRPFIVGLWLKPSIG SGTOFSDAEGLALPQDGLYYLYCLVGYRGRAPPGGDPQGRSVTLRSSL DGF SLSNNNS-LLVPTSGIYFVYVSVQVFSGKAYSPKATSSPLYLAHEVQLF					
hTNF mCD40L hP33 hLT	*** QTKVN-----LLSAIKSPCQRETPEGAEAK--P-WYEPIYLGGVFQLE SER-----ILLKAANTHSSSQLCEQQ-----SVHLGGVFELQ RAGGAYGPGTPELLLEGAETVTPVLDPARRQGYGPLWYTSVGFGLVQLR SS--QYPFHVP-LLSSQK-MVYPGLQE-----P-WLHSMYHGAQFQLT					
hTNF mCD40L hP33 hLT	*** KGDRLSAEINRPDY-LDFAESGQVYFGIIAL AGASVFVNVT--EASQVIHRVGFSSFGILLKL RGERVYVNIHSPD-MVDFAR-GKTFFGAVMVG QGDQLSTHT--DGIPHVLSPSTVFFGAFAL					

Figure 15

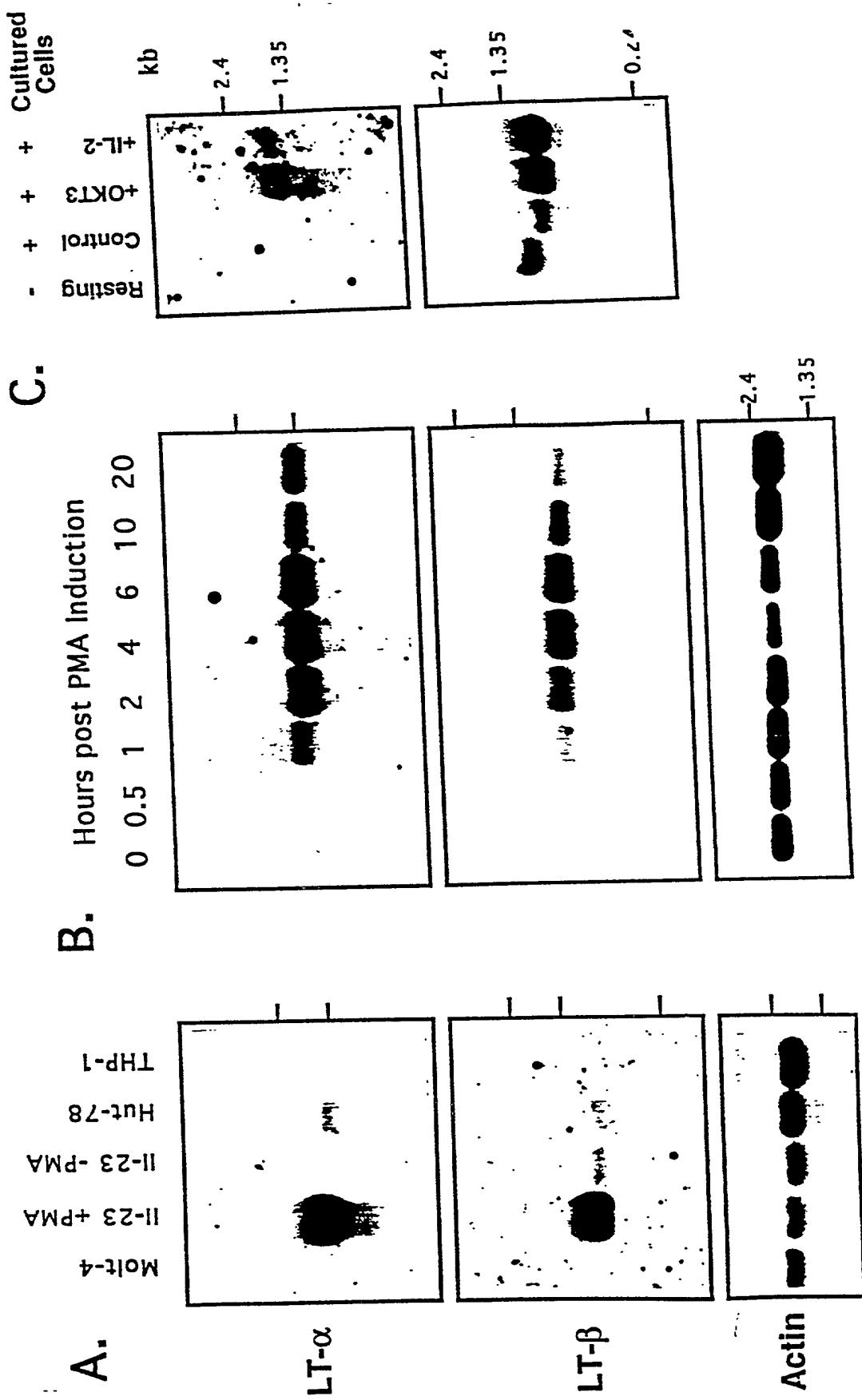


FIGURE 1b

